

FOLIO

University of Alberta

8 March 1990

Save the Library Committee garners massive campus support

Can the University of Alberta maintain a pretence of excellence without an adequate budget for its Library? According to members of the Committee to Save the Library, the answer is a definitive no!

At a Save the Library rally 28 February, University Professor of Physics Werner Israel said the University is failing in its commitment to the Library. He said each further periodical cancellation eats away at researchers' ability to do quality work.

Describing the Library as "the heart and soul" of the University, Ted Blodgett (Comparative Literature) said the continuing deterioration of the Library would lead to a lessening of the quality of education and the worth of a U of A degree. He exhorted the crowd of between 400 and 500 people gathered in front of the Administration Building to save the books and stop the cuts.

Anne Marie Decore (Educational Foundations) said the situation becomes worse every day. She said the University must halt the erosion of Library funding and she called for an appeal of support from all Albertans who regard the University as a special place.

Graduate Students' Association President Stephen Downes displayed books purchased in Vancouver which were unavailable in the University Library. The philosophy graduate student said he knew what the President was going to say, that the provincial government is not giving the University enough money. "He's right." The Minister of Advanced Education, John Gogo, says the federal government is not giving universities enough money, but who is going to take the responsibility and who speaks for us? the graduate student asked.

Anna Altmann (Library and Information Studies) said that since 1983-84 the Library has suffered a loss of \$6 million in its purchasing power. She said that in the coming year the Library is facing the loss of between 10 and 20 percent of its periodicals subscriptions. In 1987, the Library lost eight percent and in 1989, 10 percent was lost. According to committee members, the underfunding for periodicals applies to the humanities, social sciences, arts, sciences, law, medicine, engineering and education.

Juliet McMaster (English), who handed over the Save the Library petition (more than 2,100 names

are on it) to President Paul Davenport, said if you want to stay on top, you have to work at it, and that means putting more money into the support of the Library. Stating that the humanities and social sciences have been particularly hard hit by the deteriorating Library budget, Dr McMaster cited a number of areas in which periodical cancellations have hurt researchers.

"I know you don't want our Library to deteriorate," she told the President, "and the committee wants to work with you to improve the situation."

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Graduate Students' Association President Stephen Downes finds, to his dismay, that he and his fellow students have to look elsewhere for up-to-date materials.

Werner Israel makes plea for adequate Library budget

The further curtailment now threatened in the Library's budget signals disaster, University Professor of Physics Werner Israel told the rally to Save the Library, 28 February. "The University faces a crisis of funding, certainly, but beyond that, a crisis of planning, of properly ordering our priorities."

Dr Israel argued that when cuts have to be absorbed, "the democratic procedure is to spread punishment evenly over the body. But when it comes to survival—and we should make no mistake, our intellectual survival is at stake here—the democratic way is suicide. At all costs, we must draw from every source to protect the vital organs of our institution.

"The Library is the University's heart," he said. "It is our link and lifeline to the outer intellectual community. The severe beating it has already taken has brought us to the edge of paralysis. In my own fields of physics and astronomy, almost 25 percent of journal subscriptions have been cancelled since 1984. In other areas, the story is the same, or worse. To be sure, not all of the cancelled items were indispensable, though many were. But now we have reached the bone. Each further cancellation will cut into our ability to do effective research."

He noted that the Library budget had not been cut in actual dollars. "Between 1982 and 1989, the money we spent on science and

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INSIDE

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Should students serve on Faculty Tenure Committees? GFC says yes

The University of Alberta is on its way to becoming the only university in Canada to have students sit on Faculty Tenure Committees (FTCs).

At the General Faculties Council meeting of 26 February, a proposal from the Students' Union asked that GFC recommend to the Agreement Review Committee that two sections of the Faculty Agreement be amended to provide for student participation on FTCs. The motion took its lumps, most noticeably from Jim Robb, President of AAS:UA and a member of the Agreement Review Committee, but met with the approval of 50 members. Thirty others voted against it.

Professor Robb said the Agreement Review Committee opposes the proposal because it (the committee) subscribes to the Canadian Association of University Teachers' policy of peer review. No university in the country has students on FTCs, Professor Robb

commented. In fact, he added, at other institutions nontenured faculty don't serve on such bodies.

Research, as with teaching, is an important consideration for tenure. How can a student, no matter how well informed he or she is, be in a position to evaluate a person's research record? he asked. Professor Robb reminded Council that tenure committee work is more than evaluating teaching and looking at papers. Confidential documents and personal remarks are involved and these, Professor Robb said, should be used on a need-to-know basis. Do students need to know? he wondered.

Margaret Van de Pitte, Associate Dean of Arts, said she hoped students are "very clear on the problems of being a judge, of influencing people's lives. We [faculty members in Arts] think you have to have a fair amount of experience in order to make these

decisions . . . it's a very, very difficult job."

Dean FS Chia (Graduate Studies and Research) agreed with Professors Robb and Van de Pitte and emphasized that the quality of tenure has to be guarded.

Students' Union President David Tupper said one question that members of GFC must ask is, "Is this a good thing for the University?" In Mr Tupper's opinion, it is. He pointed out that students who serve on Faculty Tenure Committees would not have a vote. "The student is there to give a different perspective. The decision is left with the Faculty."

A student is an expert, not necessarily in the research context but in terms of the University as a whole, Mr Tupper continued. He referred to the fact that there were no student members of GFC until the early 1970s and now they make up about one-third of the membership. At universities in Eastern Canada students have to settle for kicking at the president's door; here we can kick at the president, he said to a round of laughter.

Mr Tupper's statement that "it'll be a hard sell, but we're prepared to sell hard" was prophetic.

Chuck Chamberlin (Elementary Education) argued that students may not be expert when it comes to evaluating research but that it was his perception that some academic staff members on Faculty Tenure Committees probably struggle to comprehend some aspects of the tenure candidate's work. "The fact that students elsewhere don't sit on tenure committees is not a compelling argument for students here not serving on the committees," he said. "By saying no to the proposal, we're really saying we don't trust students with these confidential matters. I'm not prepared to make that judgment."

Professor Chamberlin complimented student members of Council for consistently presenting cogent arguments on important issues while "many of us have been silent."

The changes that will be recommended to the Agreement Review Committee pertain to 1) the inclusion of one student in a nonvoting capacity, selected by the Vice-President (Academic) from a panel consisting of two students

from each Faculty, appointed by the GFC Nominating Committee. Where possible there will be one undergraduate and one graduate student from each Faculty and 2) the inclusion of one student in a nonvoting capacity selected by rotation by the Vice-President (Academic) from a panel consisting of two students from each Faculty, appointed by the GFC Nominating Committee. Where possible there will be one undergraduate and one graduate student from each Faculty. The first amendment refers to departmentalized Faculties, the second to nondepartmentalized Faculties.

Search and review procedures for Vice-Presidents

Council approved changes to search and review procedures, procedures that will be in effect as regards the University's two new Vice-Presidents. Previously, the Board of Governors provided the Search Committee with guidelines and procedures. Now, the Search Committee, chaired by the President, will establish guidelines and procedures, to be submitted to the Board for approval. The Board used to provide the President with salary and fringe benefit guidelines with respect to the appointment. The change calls for the Board Chair, after consultation with the Chair of the Finance Committee, to provide the President with salary and fringe benefit guidelines with respect to the appointment. □



"Building Global Justice" is the title of the fifth annual International Week taking place on campus. Doug Roche, Canada's former Ambassador for Disarmament to the UN, helped get the week's events under way last Monday. More on International Week in the 15 March Folio.

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Instructional fees for Special Sessions to rise by 15 percent

The Board has approved a 15 percent increase in instructional fees for Special Sessions, effective April of this year.

Approval of 1 April 1990 increases for Special Sessions enables the University to apply the maximum allowable rates to the Spring and Summer Sessions 1990 and generate projected additional revenues of approximately \$200,000, in the view of Peter Meekison, Vice-President (Academic).

Students' Union President David Tupper lamented the fact that people can't be notified of such increases earlier in the academic year but Dr Meekison reminded the Board that the University Calendar goes to press in October. There's a real problem here but little can be done except, perhaps, to issue a special bulletin, Dr Meekison said. There is a statement in the Calendar about the possibility of fee structures changing on short notice, he added.

The Governors also approved a policy on recovery of the University's indirect costs of sponsored research. This was done on the understanding that the Board Finance Committee will review the policy within one year.

Indirect University costs include use of space, technical services, Library services, and administrative

costs. The objective, says Bob James, Vice-President (Research) is that the policy prevent such costs from putting a strain on the general budget which supports teaching and research.

For contracts, the intent is to recover the true costs of the research undertaken. Under the policy, the recommended rate in most instances for indirect costs for contracts is 40 percent of the direct costs (or equivalent) which is 5 percent short of the actual cost of 45 percent. Full recovery is not sought because of the recognition that research objectives of the University are served through contracts. Full recovery is exceeded with the surcharge for selling the intellectual property to contracting entities. At a minimum surcharge of 10 percent of direct costs, the University collects the actual costs plus a modest additional amount, Dr James says.

For grants, no attempt is made to collect indirect costs fully. The federal granting agencies, which have rigorous peer evaluation and adjudication, provide no indirect costs. These, the agencies maintain, are included in federal transfer payments to the Province. These agencies contributed \$25 million of the \$66 million total received by the University of Alberta for sponsored research in 1988-89, Dr James says.

The indirect costs absorbed by the University for the \$25 million in grants is more than \$11 million.

For other grants, for example, those provided by the provincial government, industry, and some foundations, the proposed rate is 15 percent of the total direct costs. This rate, Dr James says, is about one-third of the real indirect cost rate and more than two and one half times lower than the rate adopted last year by the provincial government. There are four reasons why the University doesn't try to collect the full indirect costs:

- grants provide fully unencumbered funding support for research, which is one of the two primary functions of the University;
- grants assist in the priority areas of graduate student support, teaching costs and other costs relating to the teaching mission of the University;
- grants have traditionally received indirect cost support from the provincial grant;
- when received from the industrial sector, grants have typically included an indirect charge rate in the vicinity of 10 percent.

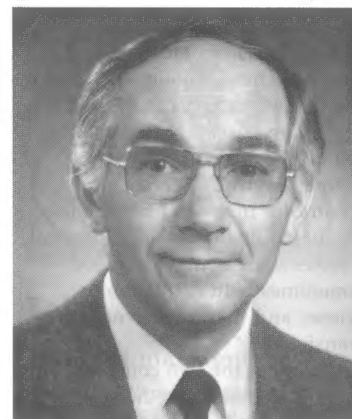
Dr James concludes that the revision of indirect cost rates represents "a multifaceted response to the many different factors involved, and is an attempt to moderate the difficulties encountered by research grant holders due to the new provincial policy."

Renovations

Funding not to exceed \$6,329,000 will be allocated for renovations to the Department of Ophthalmology in the Clinical Sciences Building.

Jack Scott, Chair of the Building Committee, reported for information that the committee has approved a design proposal for an eight-storey building for use by the Faculty of Extension and other non-University users. The main floor and perhaps floors six through eight will be occupied by commercial retail firms.

Mr Scott touched on the Northern Alberta Children's Hospital, saying that a site has not been finalized. "The University of Alberta supports the concepts of the Children's Hospital, but we have to be very careful about giving up our land and getting nothing in return. We're in a guarded position . . . the whole issue is really up in the air," he said.



Dick Moskalyk

Moskalyk appointed Dean of Pharmacy

RE (Dick) Moskalyk is the new Dean of the Faculty of Pharmacy and Pharmaceutical Sciences. The appointment of Dr Moskalyk to a five-year term of office was announced at the 2 March meeting of the Board of Governors.

Dr Moskalyk holds BSP and MSC degrees from the University of Saskatchewan and a PhD from the University of Alberta. He has been a teacher and administrator at the U of A since 1963.

The Faculty is in its 75th year. Pharmacy, Dr Moskalyk says, has changed from a product-oriented to a patient-oriented profession. It has therefore been incumbent upon the Faculty to adapt the curriculum to place greater emphasis on a patient-oriented approach. The BSc (Pharm), for many years a three-year program, is being reorganized into a five-year course of studies. This includes a pre-professional year (the first year of the five-year program) which students must complete before being accepted into the Faculty.

On the graduate degree side, the Faculty is the only school in the country to offer the two-year clinical program leading to a MPharm degree. This is a professional degree program and is devoid of a research component.

Student reports

In his report to the Board, David Tupper said that Orientation Days 1990 had 800 more registrants than last year's edition.

Stephen Downes, President of the Graduate Students' Association, said the University and the GSA were still "very far apart" as regards graduate student stipend negotiations. □

Library

Continued from page one

The President said the stringency tax this year has been applied to all departments with the exception of the Library. "It's not enough and we understand that," he said, noting that many of the rally's speakers were quite correct in relating Library underfunding to the overall budgetary situation. He said the University's relative status in Canada has been declining and there has to be an appeal to get the funding back on track.

President Davenport said the University suffers from the myth that the U of A is the best-funded university in the country. "Your presence here will help dispell that myth," he said, adding that the appeal to Albertans was a good idea.

Acting Chief Librarian John Leskey said the support was appreciated. But, he said, it is important not to lose sight of the

fact that the U of A has built one of the best libraries in North America. He said although the materials budget is of great concern, the collections are also at risk and more resources are needed to preserve them.

The University Library is the second largest university library in Canada, with more than 5.9 million volumes.

Max Mote (Political Science), a committee spokesperson, said people who signed the petition have included very supportive comments in the margins. "From all over campus, people are saying 'Way to go!' and that we're doing the right thing. It's very reassuring."

Downes pointed out late last month that, "This is a crucial issue for graduate students. We cannot complete original research with five-year-old materials. We don't want to study in Toronto, but as things are, we will have to." □

High commissioner provides business view of 'down under'

How Australians tackle their problems may contain some lessons for Canadians, says the Canadian High Commissioner to Australia, Allen Kilpatrick.

In a speech 27 February for the Centre for International Business Studies, Kilpatrick said, "Identical problems are being addressed, sometimes better, sometimes worse, and their experiences are transferable."

Outlining the two countries' historical similarities, he said Canada and Australia have virtually the same political agenda today. Both are dealing with deregulation, privatization, multiculturalism, trade liberalization and aboriginal land claims, to name a few examples.

Advocating a closer collaboration with Australia, Kilpatrick said trade and investment between the two countries has been somewhat overlooked. Canadian goods exports

to Australia have only recently exceeded the \$1 billion mark, with finished goods accounting for fully 70 percent of that sum. The balance of trade last year was about \$300 million in Canada's favor.

Investment in one another's countries is growing, he said, and the recent Canadian-American free trade deal has resulted in increased Australian investment in Canada. "In principle, the Australians agree with that initiative and they envy us. Australians would give their eye teeth to be situated next to a market that large [the American market] and they would like a similar arrangement."

On the issue of the emerging Pacific rim business opportunities, Kilpatrick said the Australians are doing more in terms of Asian studies than is Canada. "There are more language studies there, but the Australians are only doing it in a very elementary way," he said,

citing the Japanese instruction in high schools being taught in a very basic fashion. "We Canadians aren't doing enough, but we're not doing as badly relative to the Australians as we think we are."

He outlined the extent to which Western Canada trades with the southern hemisphere nation. Sulphur, potash (almost 100 percent of the potash market has been captured by Canadians), processed food products, agricultural equipment, consulting engineering services and oil and gas expertise are areas in which trade has been developed. "There is great potential for the export to

Australia of environmental technology," he said, for example, in the waste disposal and energy conservation areas.

Kilpatrick said the Australian economy is much less diversified than the Canadian economy; fully 80 percent of Australia's exports are resource products and there is fierce debate on whether the economy should be more diversified. Historically, the country's manufacturing sector has been protected by high tariffs and is relatively uncompetitive in international markets. He said there is also a great deal of concern about Australian productivity. □



Canadian High Commissioner to Australia Allen Kilpatrick.

SSHRC's Strategic Theme Grant deadline changes

The Office of Research Services has received the new copies of SSHRC's Strategic Theme Grants Guide for Applicants and Application Forms.

Given the date at which application materials have been made available, SSHRC has moved the April deadline for submission of Strategic Theme applications only to Tuesday, 17 April 1990 (postmarked). The results for this competition will be available in September 1990.

There will be another submission deadline for the Strategic Themes on 15 October 1990 (results: March 1991). For all subsequent years, there will be one submission deadline, 15 October.

The deadline date for the Canadian Studies Research Tools Program remains 1 April 1990.

Call the Office of Research Services at 492-5360 for further information. □

Soviet historians taking first infantile steps in era of *perestroika*

After following the party line for several decades, Soviet historians are beginning to rethink their nation's history, but relatively few are actually engaged in the process of rethinking or rewriting.

In fact, says Tova Yedlin (Slavic and East European Studies), the process is really still in its infancy and there are few rewritten texts that historians can point to as proof of this new process of reexamination.

"No country is as obsessed with its past as is the Soviet Union," she said, and every day a new historical revelation is made public. "It's one of the great difficulties of discussing this topic."

These developments in the reassessment of the country's history are not, however, being championed by the professional historians. Rather, she said, other intellectuals, leading journalists and creative writers are taking the lead.

"So why is the professional historian so late in the era of *glasnost*?" According to Dr Yedlin, the professional historian is held in low esteem by the Soviet citizenry. And that's not surprising, given the hollow and dull historical works that they produced. People know very well that some works contained false information, that historians took a very selective approach to research and that over the last several decades they neglected the history of real people. During the repressive era, many historians left the profession.

Professional historians criticize the creative writers of historical fiction, yet these creative writers are satisfying the needs of the population, she said, adding that historians' criticism of the creative writers' deficiencies are legitimate.

Soviet historians are still testing the political waters. Dr Yedlin says they are asking themselves just how far they can go in rethinking Lenin's contribution to Soviet events, and whether that rethinking can extend to the topic of Marxist ideology. Some are asking whether it is indeed possible to rewrite history at all.

Dr Yedlin, who was in Moscow last December doing research, said Soviet historians are still handicapped. Some documents held in archives are not accessible. Some archives are open and others are not and there is a lack of cooperation among some archives.

Responding to a question about whether or not this generation of Soviet historians could be trusted to do a good job of rethinking and rewriting Soviet history, Dr Yedlin said there are some historians with the integrity and ability to do so, but the documentation is not always reliable. She said it is important to remember that the people want to know the truth.

There is a refreshing sense among historians that they can now say what they want without having to go to Siberia as a result. □

East Asian Studies Committee taking action

Planned cutbacks at U of A could undermine Canada's relationship with Asian countries

The East Asian Studies Committee is sponsoring a Special Awareness Week, 12 to 15 March, to stress the importance of East Asian Studies for the future of Canada and to emphasize that East Asian Studies will be jeopardized by planned cutbacks at the University of Alberta.

The committee says that by the year 2000, 60 percent of humanity, 50 percent of the world's production, and 40 percent of the world's consumption will be located in Asia. Japan's overseas assets alone could top three trillion dollars.

"Like it or not," the committee states, "Canada's future will be increasingly influenced by what happens in Asia and by the nature of our relationship with Asian countries. To respond to this challenge, it is essential that we provide students with the language and cultural skills to communicate effectively with Asian scholars, business people, and government officials. Unfortunately, Canada is far behind many countries in meeting this need. For example, the US has 140,000 students studying Japanese; Australia has 15,000; and Canada has 1,200. The situation for other Asian languages is similar."

At this University, there are numerous East Asian specialists in a variety of Faculties, and enrollment in East Asian courses is the highest in the country. Much of the training here is provided by two units in the Faculty of Arts: the East Asian Studies Committee and the Department of East Asian Languages and Literatures.

The East Asian Studies Committee plans and oversees an undergraduate degree program (with approximately 22 majors) in East Asian Studies. The program includes language training in either Chinese or Japanese plus East Asian content courses from departments such as History, Anthropology, Political Science, Economics, and Religious Studies. The interdisciplinary nature of this program allows students to go on for graduate work in some aspect of East Asian Studies or to take

jobs relating to East Asia in government, commerce, and industry. The East Asian Languages and Literatures Department (with approximately 30 majors) offers a more specialized degree, with a focus upon the languages and literatures of China and Japan.

A spokesperson says the East Asian Studies Committee and the program it oversees has operated for years without a budget. Members of the committee volunteer their efforts; and their home departments (particularly the Department of East Asian Languages and Literatures) pick up expenses such as preparing program brochures. Budget cuts at the University may no longer permit this kind of informal assistance. The committee feels it can no longer continue to operate without adequate resources, and is considering the possibility of withdrawing services essential to the operation of the program.

The Department of East Asian Languages and Literatures is facing an equally grave crisis, the committee contends. It is still on a conditional grant and has already had to cut 10 percent of its services. One of the casualties is the entire evening program for beginning language instruction. The committee regards this as "a big loss to members of the community who wish to enhance their ability to deal more effectively with East Asia but who cannot attend daytime classes."

East Asian holdings in the Library are also of great concern. The leading position of the University of Alberta in East Asian Studies cannot be maintained without adequate Library back-up for both teaching and research, the committee says. "There is a great need to develop the East Asian collection to catalogue existing resources so they can be used."

Special Awareness Week is designed to inform the University community and the general public of the leading role played by the University of Alberta in providing training in East Asian Studies and what is at stake if programs must

be cut. It is also hoped that Special Awareness Week will encourage other academic units to think seriously about responding to budget cuts in ways which will promote a grassroots protest movement. The East Asian Studies Committee feels that although administrators at all levels may be doing their best, their hands are tied by having to mediate demands from above and below. The committee feels it is time that the rank and file (those who actually do the essential teaching and research work of the University) get involved and apply pressure where it is most strongly felt. "Denying essential services, no matter how important they are for Canada's future, may be one of the few options left."

Activities associated with Special Awareness Week began with a display of East Asian materials in Rutherford Library (North and South) on 5 March. A lecture series will commence Monday, 12 March, at 4 pm in 1-09 Business Building, and will continue daily at the same

time and place through Thursday when a panel discussion concludes the Week. The schedule is as follows:

- 12 March. Sonja Arntzen (East Asian Languages and Literatures), "What is the Good of Studying of East Asian Literature?" Jeremy Paltiel (Political Science), "Where is Alberta's Place in the Pacific Century?"
- 13 March. Dick Beason (Economics), "The Nature of Research and Development in Japan and North America." Student presentation (TBA).
- 14 March. Yu-shih Chen (East Asian Languages and Literatures), "The Feminist Voice in 1930's China." Sinh Vinh (History), "Understanding Japanese Culture."
- 15 March. David Young (Anthropology), "Traditional Healing Systems and Cultural Pluralism in China, Japan, and Canada." Panel discussion: "Cutbacks at the University of Alberta: The Future of East Asian Studies." □

Plea

Continued from page one
technology subscriptions went up 74 percent. But the average cost of those journals escalated by 133 percent, four times the rise in the cost of living. In the longer term, universities must look into the reasons for this spiral and at actions that can be taken to bring it under control. Meanwhile, we must live somehow with the existing reality."

The University Professor said the University is failing badly in its commitment to the Library. "Up to this decade, we had a Library to be proud of, the second finest in the country and one of the best on the continent. Now we are headed downwards. In 1988, we spent \$670 per student on the Library; McGill spent \$790, Toronto \$800, and UBC \$840. These figures tell their own story.

"Kyoto University, where I spent six months a few years ago, is also kept on a tight leash; underfunding was evident everywhere. But their library was a model, with a complete range of everything essential and no effort spared to keep the collection up to date. The Japanese understand the priorities of an academic institution, and how to distribute limited resources.

"There is a lesson here for us, if only we can learn it in time.

Certainly, we must do everything possible to bring our plight to the attention of the government and thinking citizens in this province, but we must also be clear and firm about our priorities," he said.

"If we acquiesce in a fiscal policy that treats the Library as a mere facility, then we deserve what is coming. Let us not stand by, as one of the finest of North America's universities declines to the level of those depressing stores that line our shopping malls, pathetically hiding their inner emptiness behind a glossy outer façade. With good sense and determination, we still have a fighting chance to save our Library." □



University Professor of Physics Werner Israel makes a passionate plea for maintaining the integrity of the Library.

Public Affairs



LETTERS

Nothing to be gained by abolishing University Health Service

■ With reference to the letter from John Gartrell in the *Folio* of 15 February, page three. During the course of this letter the writer asks 'do we need a Student Health Service' and it appears that he is suggesting that the abolition of that service, along with others that he mentions, would save the University money. In relation to the University Health Service, to give it its proper name, I must point out that this is an ancillary service. Revenues have to meet expenditures and have done so for a number of years. In addition, the Health Service pays rent for the space that it occupies and a charge for administrative services from central administration. In other words, the University Health Service costs the University nothing and abolishing it would save the University nothing.

FB Cookson
University Health Service

Is speed reading of the essence?

■ A quick "content analysis" of the 15 February issue of *Folio* revealed the following: a committee on campus is deeply concerned about the "declining research quality of the Library" (p 1); students are concerned about "residence rents, [and] surcharge" (p 2); one academic is concerned about the handling of "the fiscal crisis created by the senior administration of this University" (p 3); another academic is concerned "how the increase of two new Vice-Presidents will be cheaper than no new Vice-Presidents at all" (p 3); various advertisements (p 4, 5, 6, 7); and in conclusion (p 8), the Office of the Vice-President (Academic) has a full page advertisement on the last page for "The Art of Speed Reading - getting out from under the paper blizzard!"

In summary, excluding advertisements and assuming that *Folio* accurately represents "what's happening" on campus, it appears that the campus community of working academics and students has some significant "concerns" about the current state of affairs at the University and that the administration, with its keen sensitivity to the needs of those "administered", appears to have a solution to many of the noted concerns—"speed reading."

Louis A Pagliaro
Faculty of Pharmacy and Pharmaceutical Sciences

University community should be more environmentally conscious

■ It's time the University joined the swelling ranks of the environmentally conscious and started to recycle and cut down on the flagrant waste that occurs on campus. For example, only 40 percent of the waste paper generated on campus is recycled, according to Printing Services. Think about the use of paper in your own departmental office. Does everyone get the same notice when one could be posted? Are drafts of manuscripts and letters printed on virgin paper? Does all xeroxing go onto unused nonrecycled paper. Think about the waste of paper generated by Computing Services—every time you get your output there are two extra sheets of paper with your ID on them. Think about the waste of paper towels in the hundreds of washrooms on campus. Couldn't a cloth towel system be set up? And what about the many throwaways (trays, cups, dishes, etc) in the cafeterias?

What can you do personally to reduce this waste? Use all paper twice before recycling it in the bins provided. Write on the

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back of already used paper for drafts of letters or papers. Start a newsletter or a bulletin board where notices for seminars or other activities are posted to cut down on individual notices. Xerox papers or other material on the back of used paper. Reuse large envelopes for mailing manuscripts, etc by putting an address label over the old address and sending it on. Bring your own coffee cup to the cafeteria and avoid using disposable trays. Lobby the administration to get recycled paper used in the University. Above all, think twice before throwing anything away. Perhaps, as a community, we can make a difference to the impact of our University on the environment.

Susan Hannon
Department of Zoology

Project Leadership Dialogue experiences banner month

Project Leadership Dialogue, the University's annual alumni fund, has passed another milestone.

On 14 February, a celebration was held to mark the highest goal yet achieved in monthly pledges to PLD. More than \$125,000 was pledged by alumni during January. The most productive month had been August 1989 when a total of \$89,000 was pledged.

The January total, along with pledges of \$85,205 for February, brings the annual fund within \$50,000 of its \$1 million target for 1989-90.

The special gathering in the Heritage Lounge in Athabasca Hall was also the first official visit by the Chair of Project Leadership Dialogue, Tom Walsh. Mr Walsh, who is a partner in the law firm Walsh Young in Calgary, is a well-known alumnus of the University of Alberta and a former member of the Senate. He was the

recipient of an honorary LLD degree at Spring Convocation 1989.

Mr Walsh spoke to the student callers and staff from the Development Office and Alumni Affairs and was presented with tokens of appreciation for his commitment and involvement with the University.

Later, President Paul Davenport and Mr Walsh spent some time with the student callers while they were phoning alumni from the PLD calling room in the Athabasca Annex. President Davenport; Vice-President (Administration), Allan Warrack; Associate Vice-President (University Relations), David Norwood; Director of Alumni Affairs, Susan Peirce; and Acting Director of Development, Pat Warmington, all took part in an official cake-cutting to mark this achievement by the University. □



Tom Walsh and Christine Roznicki anticipate a pledge to Project Leadership Dialogue.

C-I-L Distinguished Lecturer probes the interface between organometallic and polymer chemistry

The 1990 C-I-L Distinguished Lecturer is Robert H Grubbs, Victor and Elizabeth Atkins Professor of Chemistry at the California Institute of Technology.

Dr Grubbs' research has been marked by an innovative and productive approach to a wide range of problems. He was one of the first to recognize the potential impact of physical organic techniques on organometallic chemistry. One of his most significant early contributions was the synthesis of the first optically active cyclobutadiene complexes and their use in detecting free cyclobutadiene in the oxidative decomposition of cyclobutadienetricarbonyliron

complexes. Work was also initiated on the development and study of polymer-bound organometallic catalysts and the synthesis of some of the first known saturated metallacyclic complexes was accomplished. His increasing interest in the interface between organometallic and polymer chemistry led to his research on the olefin metathesis reaction—a reaction which interchanges the carbons of two reacting alkenes and, when applied to cyclic systems, functions as a very efficient alkene polymerization method. Sophisticated mechanistic studies were carried out and led to the conclusion that the reaction involves a chain mechanism and

proceeds through reactive metal carbene intermediates. A reactive titanium-methylene-aluminum complex was synthesized and proved to be a very good model for the critical step in olefin metathesis and a useful reagent in organic synthesis.

Significant recent discoveries are the development of living polymers with metallic end groups and the discovery of cationic ruthenium complexes which rapidly catalyze ring-opening metathesis polymerizations in water solutions. The major emphasis of this research is to synthesize new polymers with controlled structures. The materials synthesized have been studied as electrical conductors, as ionophores, and in new optical devices.

Dr Grubbs' research accomplishments have been honored by many awards. He received the ACS National Award in Organometallic Chemistry in 1988, was elected to membership in the National Academy of Science in 1989, and received the ACS 1990 Arthur C Cape Scholar Award.

Titles and dates for the 1990 C-I-L Distinguished Lecture Series follow:

- "Ring Opening Metathesis Polymerization (ROMP) Routes to Polyacetylene" (12 March);
- "The Synthesis of Functionalized and Block Polymers by Ring

Opening Metathesis Polymerization" (13 March);

- "Biradicals in Organometallic Chemistry: The Thermal and Photochemical Reactions of Titanium Carbene and Metallacycle Complexes" (14 March).

Each lecture will be presented at 11 am in V-107 Physical Sciences Complex. □

Hello the House

In the coming year University House will be more widely available for use by members of the University community and alumni than has been the case up to now.

University House, situated at the corner of Saskatchewan Drive and 116 Street, can accommodate groups of up to 20 for meetings, and larger groups for functions such as receptions and retirement parties, or even weddings. In addition to meeting and reception rooms inside, the grounds, equipped with a natural gas barbecue, are also available for summer, outdoor functions.

Competitive rates are charged for services and for use of the facilities, and limited parking is available. Parking for larger functions can also be arranged.

Dial 492-2439 to discuss how University House can help meet your needs, and for reservations. □

FW Grevels: EFF Distinguished Visitor

Friedrich Grevels, group leader (Organometallic Photochemistry) at the Max-Planck Institut für Strahlenchemie, Mülheim/Ruhr, and Professor at the Universität Duisburg, is on campus as Distinguished Visitor. Dr Grevels arrived 1 March and will depart 13 April. His visit is sponsored by the Endowment Fund for the Future and the Department of Chemistry.

Dr Grevels obtained his PhD degree in 1970 from the Ruhr-Universität Bochum under the supervision of the late EA Koerner von Gustorf who also held a joint appointment at the MPI für Strahlenchemie. It was during this stage that Dr Grevels developed his interest in photochemistry, especially as it applies to organometallic complexes. Grevels remained with Koerner von Gustorf as a research associate until 1975, at which point he was appointed to the post of Senior Research Scientist at the MPI. In 1981 he became Privatdozent and in 1989 Professor at the Universität of Duisburg.

Dr Grevels maintains a very active research program in photochemical synthesis and reactivity of chromium and iron group organometallic complexes and the application of these molecules in photocatalytic

isomerization, hydrogenation and hydrosilation of olefinic substrates. Recently, in an effort to probe the nature of the intermediates involved in these processes, his group began to investigate photoreactions in low temperature matrices and to follow solution flash photolysis with fast time-resolved infrared spectroscopy.

On numerous occasions Dr Grevels has been invited to speak at international conferences. He's a popular guest lecturer, with recent visits to Instituto Químico de Sarria, Barcelona, and Université de Neuchâtel and Université de Lausanne, Switzerland. Dr Grevels delivered one research lecture shortly after coming to the Chemistry Department and two other lectures are planned: "Olefin-Substituted Group 6 Metal Carbonyls: Photochemical Syntheses and Structural Features" (20 March) and "IR Spectroscopy of Transient Species, a Powerful Tool in Structural Assignments of Metal Carbonyl Fragments" (3 April). Each lecture will be held in E3-25 Chemistry Building at 11 am.

Dr Grevels will also be participating in a graduate course in organic chemistry and is looking forward to stimulating exchanges with staff and students alike. □



That's some hole! Backhoes began the task of excavating the University LRT station last week. Curious passers-by stopped to see how the work is progressing.

Public Affairs

More on the validity of student evaluations of university teaching

By John Osborne,
Department of
Educational Psychology

I recently read about a study which I thought had significant parallels with student-based evaluations of university teaching. The study in question was one conducted by the psychotherapist Irvin Yalom and his associates. They were interested in the relationship between the behavior of encounter group leaders and the outcome of therapy for their patients. One of the key leader behaviors to be observed was "executive function" exercised by leaders and therapeutic outcomes for their patients. Too much structure resulted in an authoritarian group which inhibited members' autonomy, whereas a laissez-faire type of "executive function" resulted in a "bewildered floundering group". This finding is not surprising. However, the other major finding is much more provocative. Shortly after the groups ended, the members thought that the more structured leaders were the more competent ones. However, after an interval of six months, therapeutic outcomes were deemed *less* effective for groups with more structured leaders.

I quote Yalom with some extrapolations inserted in parentheses: "The moral of this latter finding is obvious: if you want patients (students) to think you know what you're doing, be an active, vigorous, structuring guide (teacher). However, be prepared to accept the fact that such a strategy gets in the way of growth of the patient (student) and probably impedes responsibility assumption."

As I select items from the Instructor Designed Questionnaire manual I notice how many of them are concerned with the perception of organization and structure. There seems to be a presumption that teaching/learning is a linear process. No doubt many students hold the same view as they fill in their evaluations. To paraphrase, one might say that many IDQ items imply the desirability of predictable instruction. There could be an analogy with art and music: Cezanne - yes, Kandinsky - no; Mozart - yes, Shostakovich - no. If students enter the University with

the same prejudice of predictability, then they may have difficulty in appreciating a dialectical and recursive teaching style. Such a style might appear to be repetitious or redundant to those who do not understand the value of a pedagogical respiralling rather than linear lecturing. Dialectical teaching may even require more creativity, skill and courage than the conventional linear lecture technique. It also demands that students be actively involved rather than passive recipients of carefully designed information transmission.

"... there is apprehension that student-based evaluations of teaching are being increasingly used as a reason for denying or reducing merit increments."

Linear teaching and lecturing have their places in a University but so do the apparently "less structured" dialectical methods which, by their very nature, must evolve as classroom happenings rather than flow like well-rehearsed scripts. These more spontaneous and creative teaching methods, I suspect, are not well served by the types of items which characterize the present IDQ catalogue.

Neither patients nor students necessarily know what's best for them although like the "person in the street" who, after confessing that s/he doesn't know much about an issue, insists that s/he sure as hell knows what s/he likes! Other correspondents have previously expressed the view in *Folio* that there is something amiss when rank novices in a field of study are sometimes asked to make judgments about the competence of professionals that can alter the course of their careers. When properly contextualized as expressions of individual constructions of a shared pedagogical relationship, student opinions about university teaching can be a valuable data source for those who are interested in understanding classroom events. However, the tendency by FSPCs and Chairs to use such pseudo-objectified data as a basis for career decisions is disturbing. The scientific aura that accompanies the naive use of so-called "objective" evaluations of

teaching is transparent if one bothers to explore the methodological issues involved in evaluating teaching. Unfortunately, the pressure to find criteria for making judgments about academic performance is so strong that we tend to rely on such measures whilst simultaneously acknowledging their shortcomings. No method of evaluating teaching is problem free. Anecdotal methods have equally severe shortcomings. However, I make a plea to those who are using such data as a basis for judging their colleagues to

realize that there are serious questions about the ultimate validity of "objective" student evaluations of faculty teaching.

Now that FSPCs are returning their verdicts on the adequacy of our annual performances there is apprehension that student-based evaluations of teaching are being increasingly used as a reason for denying or reducing merit increments. This would be fair if faculty were being rewarded for teaching as often as they are being punished. I make no plea for accepting less than satisfactory performance but suggest that a judgment of less than satisfactory teaching be based on a reasonable sampling of an academic's teaching performance over several courses and perhaps several terms. In view

of the potentially serious effects of judgments of teaching in/competence it is important that summative evaluations be reliable. Evaluations should be contextualized in terms of factors that were operating when the evaluation took place (for example, the nature of the course, the composition of the class, unique stresses that may have occurred for the instructor at that time, etc). Many academics know that even when we want to do a good job sometimes we must admit that our teaching performance was less than we would have wished. Many of us have "bad days" or even "bad courses". The point I am trying to make is that judgments of our teaching should be based upon a reliable sampling of our continuing performance and not upon those occasions when we deviate from our norm.

We should not have to feel that the moment we fall out of step we risk significant career repercussions. I presume that many Chairs and members of FSPC's are aware of the issues I raise here. I do not want to minimize the difficulties faced by those of us who are charged with the responsibility of evaluating the academic performance of our peers. I am writing because I believe that we need to constantly remind ourselves of the need to act in humane ways when making career decisions about our colleagues. To some extent this is a matter of attitude and motivation for those doing the judging. We can draw quite disparate conclusions from the same data if we adopt either a compassionate or rule-orientated attitude. □

PUBLIC LECTURE

Philosophical Feminism: _____ _____ Challenges to Science

by

Dr. Kathleen Okruhlik
University of Western Ontario

Thursday, March 15th
7:30 p.m.

Humanities Centre L-2

(Sponsored by the Women's Studies Program)

CURRENTS



Campus reviews

As part of the process of carrying out systematic reviews under the guidance of the President's Advisory Committee on Campus Reviews (PACCR), **Alumni Affairs** is completing the self-study phase of the review process. The other major phase of the process is the site visit and assessment by the Unit Review committee on 21, 22, and 23 March. In preparation for this second phase, PACCR invites written comment prior to 20 March. Submissions are for the use of the Unit Review Committee and will be held in confidence by the members of that committee.

Submissions should be sent to: Mrs Shirley Moore, Coordinator, PACCR Office, W4-13 Chemistry Building, Attention: Alumni Affairs Unit Review Committee.

Forum on the Future of the Alberta Health Care System

The Northern Alberta Health Libraries Association has scheduled a forum on the Future of the Alberta Health Care System. Betty Hewes, Liberal health care critic; William Roberts, New Democrat health care critic; and an MLA (to be announced), Progressive Conservative Health Care Caucus; will participate in the forum.

Topics include a response to the Premier's Commission and the future of the Northern Alberta Children's Hospital.

The forum will take place 12 March at 7 pm in classroom D, Walter Mackenzie Health Sciences Centre.

Introduction to Online Searching in the Health Sciences

What: Do-it-yourself searching of MEDLINE, CINAHL, Health Planning and Administration and other key health sciences databases. In the lecture both the theory and mechanics of formulating and executing a search of computerized indexes and abstracts will be discussed. The lab session puts these skills into practice on databases and topics of your choice.

Who: Graduate students, residents, faculty members, or other staff who are directly involved in teaching or research.

When and where:

Lecture: 15 March, 2-4:30 pm, Conference Room, JW Scott Library.
Labs: 19 March, 6-7 pm or 7:15-8:15 pm, 20 March, 6-7 pm (if necessary).

To register: Contact the JW Scott Library reference desk at 492-7947 to sign up for the lecture. Sign up for the lab at the lecture. There is no charge for the lecture or for first-time lab attendees.

High school students get a taste of life at the Law School

The Law Faculty broke new ground by inviting Edmonton and Devon high school students to visit the Law School between 2 and 15 February. More than 180 young people accepted invitations to learn about the training of young lawyers and life at the Law School.

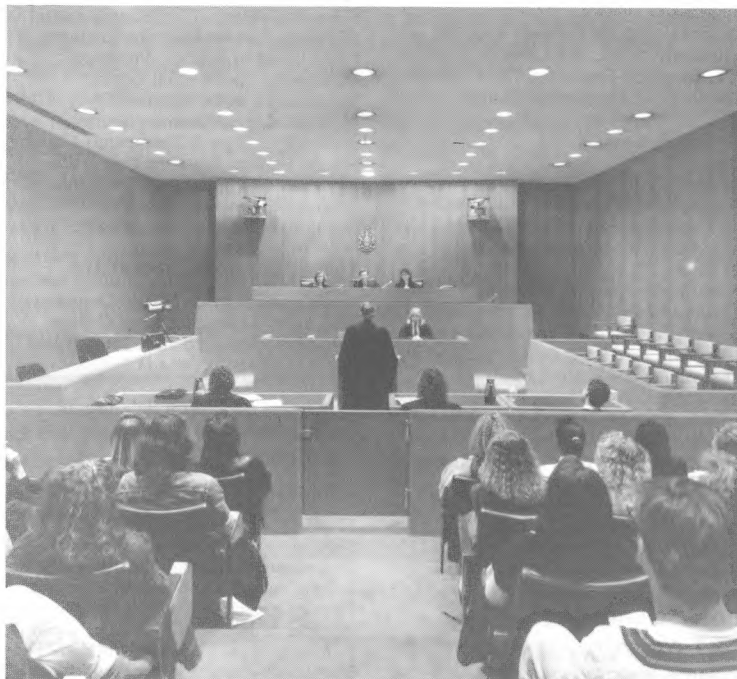
The Faculty opened its doors to seven high schools for individual half day programs consisting of observation of a law student Moot in the Moot Court Room and the opportunity to sit in a law classroom. Some high school classes spent two to three days preparing for the Moot by familiarizing themselves with the case and legal issues.

After the Moot, the high school students met law students, practising lawyers, constitutional

law professors and Assistant Dean Gail Forsythe. The visitors had a variety of questions for the panel and found this exchange to be "the highlight of the whole exercise."

Feedback from high school administrators was positive. The Faculty hopes the program will continue and serve to encourage high school students to pursue their legal education at the University of Alberta.

The invitation was extended as part of the Law Faculty's activities in support of the Canadian Bar Association Law Day, 21 April at the Law Courts in Edmonton. One of the objectives of Law Day is to provide the public with an opportunity to understand the role of the lawyer. □



The Moot Court Room has heard the thrust and parry of many law students' arguments.

Faculty of Business schedules Parents Day

The Faculty of Business has designated 17 March as Parents Day.

By visiting the Winspear Business Library, the Office of Placement Services, classrooms, computer rooms and student club offices, parents should get a sense of what it's like to be a business student in the 1990s. They can increase that sense by sitting in on lectures that are tailored for a lay

audience and by meeting various professors and Dean Jean-Louis Malouin at a reception in the Stollery Executive Development Centre.

Parents Day starts at 12:30 pm with the first escorted tour of the Faculty and concludes at 5 pm.

Further details can be obtained by calling the Faculty's Office of External Affairs at 492-2348. □

EVENTS



Talks

International Centre

8 March, 12:30 pm Sheshila Samy, Human Rights Officer, Alberta Human Rights Commission, and Esha Chaudhuri, "Thinking Globally, Acting Locally: Women and Development."

12 March, noon Steve Ungerer, "Striving for a Church Homegrown: The Lutherans in Latin America."

13 March, 12:30 pm Gail Allan, Development Education Worker for Western Canada, Presbyterian World Service and Development, "The Churches' Partnership in Development."

14 March, noon Betty Marlin, "The Church, Women and Development."

15 March, 12:30 pm Jenny Parsons, "Are We Like a Watered Garden?"

19 March, noon Baha Abu-laban, "Overcoming Discriminatory Attitudes and Behaviour."

20 March, 12:30 pm Jocelyn Muir, Educational Consultant, Alberta Human Rights Commission, "Discrimination in Alberta."

21 March, noon Malcolm Thomas, "International Day to Eliminate Racial Discrimination."

22 March, 12:30 pm Lorraine Sinclair, "Native Life in Northern Alberta: Cultural Genocide."

23 March, noon Maureen Werlin, Citizens Against Racism and Apartheid, "Institutionalized Discrimination: Apartheid."

All events in 172 HUB International.

Limnology and Fisheries Discussion Group

8 March, 12:30 pm Waraporn Prompoj, "Phosphorus Dynamics in the Bottom Sediments of the South Saskatchewan River, and Relationship to Rooted Plant Growth." M-149 Biological Sciences Centre.

15 March, 12:30 pm Peter Aku, "Distributional Responses of Fish Populations to Hypolimnetic Oxygen Injection in Amisk Lake." M-149 Biological Sciences Centre.

Food Science and Foods and Nutrition

8 March, 1:30 pm Connie Weaver, Purdue University, "Calcium Absorption and its Relationship to Disease." 2J4.02 Mackenzie Health Sciences Centre.

Chemical Engineering

8 March, 3 pm RE Hayes, "An Efficient Algorithm for the Simulation of Rim." E342 Chemical-Mineral Engineering Building.

15 March, 3 pm Murray R Gray,

“Chemical Kinetics of Complex Mixtures and Characterization of Spent Catalysts by NMR.” E342 Chemical-Mineral Engineering Building.
22 March, 3 pm Jacob Masliyah, “Separation of a Bi-disperse Suspensions.” E342 Chemical-Mineral Engineering Building.

English

8 March, 3:30 pm Elizabeth D Harvey, University of Western Ontario, “Conceptions of Voice: History, Maternity, and Renaissance Texts.” L-3 Humanities Centre.
9 March, 3 pm Elizabeth D Harvey, “New Historicism, Feminism and the Renaissance Text.” 5-20 Humanities Centre.
20 March, 2 pm Catharine Stimpson, Rutgers University, “On Feminist Scholars and Scholarship.” 306 Education South.
21 March, 11 am Professor Stimpson, “How Did Feminist Theory Get This Way?” L-2 Humanities Centre.

Anthropology

8 March, 3:30 pm Becky Sigmon, University of Toronto, “Bipedalism and Loss of Oestrus: The Human Sexual Revolution.” 14-6 Tory Building.

Music

8 March, 3:30 pm Doctoral Students Forum. “Stein or Steinway?—The Future of the Pianist in the Period Instrument Revolution.” Speakers: Grant Maxwell, Michael Redshaw, and Joachim Segger. Moderator: Robert Klakowich. 2-32 Fine Arts Building.
15 March, 3:30 pm Curt Veeneman, “Hammers, Primes, and Riddles: Means to Compositional Isomorphism.” 2-32 Fine Arts Building.

Botany and Geography

8 March, 4 pm Martin Lechowicz, Department of Biology, McGill University, “The Functional and Genetic Basis of Variation in Plant Reproductive Success.” M-149 Biological Sciences Centre.
15 March, 4 pm Bill Freedman, Department of Biology, Dalhousie University, “Secondary Succession After Clearcutting Hardwood Forest in Nova Scotia.” M-149 Biological Sciences Centre.

Entomology

8 March, 4 pm Jari Niemelä, Department of Zoology, University of Helsinki, “The Distribution of Carabid Beetles on Islands in the Baltic Sea.” TBW-1 Tory Breezeway.
15 March, 4 pm Nidia Moreno, “Host Location and Selection by Females of *Tiphodytes Gerriphagus* (Hymenoptera: Scelionidae) on Eggs of Water Striders.” TBW-1 Tory Breezeway.
22 March, 4 pm Dean Mulyk, “Electrophoretic Examination of Some Members of the *Saldula Pallipes-Palustris* Species Complex (Hemiptera, Saldidae).” TBW-1 Tory Breezeway.

Recreation and Leisure Studies

8 March, 5 pm Margaret Talbot, Leeds Polytechnic, England, “Leisure Studies: All Things to All Men and Women?” 2-135 Education North.

Nursing

8 March, 7:30 pm Moyra Allen, professor emeritus, McGill University, “The Allen Nursing Model: Focusing on Long Term Family Health.” 2F1.04 Mackenzie Health Sciences Centre.
12 March, noon Jean Innes, “International Nursing: Challenges to be Faced.” 2-115 Clinical Sciences Building.
19 March, 12:10 pm Judith Hibberd, “Coping With the 1988 Strike: Experiences of UAH Nurses.” 6-101 Clinical Sciences Building.
22 March, 7:30 pm Margaret A Newman, professor, School of Nursing, University of Minnesota, “The Newman Health Model: Health as an Expanding Consciousness.” 2F1.04 Mackenzie Health Sciences Centre.

Women’s Studies Program

9 March, 11 am Marjorie Cohen, Woodward Professor, Simon Fraser University, “Economic Policy: And Women in Canada.” 254 Education South. Cosponsors: Canadian Studies, Religious Studies, Economics, St Stephen’s College, and United Church Campus Ministry.
14 March, 4 pm Robin McGrath, “The Inuit Women Writers: Circumventing the Tabu.” Senate Chamber, Arts Building.
15 March, 7:30 pm Kathleen Okrulik, University of Western Ontario, “Philosophical Feminism: Challenges to Science.” L-2 Humanities Centre.

Plant Science

9 March, 12:30 pm TH Ashok, “Uptake and Accumulation of Sugars by Vegetative Storage Tissues.” 1-06 Agriculture-Forestry Centre.
13 March, 12:30 pm C Wattanasiri, “New Techniques for C-Banding Plant Chromosomes.” 1-06 Agriculture-Forestry Centre.
16 March, 12:30 pm P Dale, “Site Specific Recombination: A Mechanism for Genetic Control.” 1-06 Agriculture-Forestry Centre.
20 March, 12:30 pm J Owouche, “Effect of Rht Genes on Yield and Agronomic Characters of Wheat.” 1-06 Agriculture-Forestry Centre.
23 March, 12:30 pm Jiang Chao, “Enhancers and Trans-Acting Factors.” 1-06 Agriculture-Forestry Centre.

Soil Science

9 March, 1 pm Ken Rutherford, Department of Geography, Queen’s University, “Land Reclamation—Some Illustrated Case Studies from a Variety of Milieu.” 2-36 Earth Sciences Building.
15 March, 12:30 pm Bo Thunholm, Department of Soil Sciences, Swedish University of Agricultural Sciences, Uppsala, Sweden, “Modelling Thermal Boundary Conditions and Infiltration Into Frozen Soils.” 2-36 Earth Sciences Building.
22 March, 12:30 pm Wayne Tedder, “Grazing Potential of Alberta Peatlands.” 2-36 Earth Sciences Building.

Physics

9 March, 2 pm Tom Tiedje, University of British Columbia, “Molecular Epitaxy.” V-121 Physics Building.
23 March, 2 pm Sol Sheinin, “Electron Microscopy.” V-121 Physics Building.

Economics, Canadian Studies, Religious Studies, Women’s Studies, St Stephen’s College, and United Church Campus Ministry

9 March, 2 pm Marjorie Cohen, Woodward Professor, Simon Fraser University, and John Cobb Jr, Avery Professor, Doremont Graduate School, “Economics and Human Community.” 201A Law Centre.

Art and Design

9 March, 2 pm Evergon, visiting artist-photographer from Ottawa will present an illustrated public lecture on his recent work. 2-20 Fine Arts Building.
22 March, 5 pm Douglas Bentham from Saskatoon will give an illustrated public lecture on his sculpture. 2-20 Fine Arts Building.

Zoology

9 March, 3:30 pm David Jablonski, Department of Geophysical Sciences, University of Chicago, “On the Origin of Orders: Ecological Patterns in the Origin of Major Groups.” M-149 Biological Sciences Centre.
16 March, 3:30 pm Malcolm Steinberg, Department of Biology, Princeton University, “Cell-to-Cell Contact Mechanisms in Development.” M-149 Biological Sciences Centre.
23 March, 3:30 pm S Thompson, Hopkins Marine Station, Stanford University, “Mechanisms of Calcium Oscillation in Neurons and Macrophage.” M-149 Biological Sciences Centre.

Comparative Literature

9 March, 4 pm Amin Malak, Department of English, Grant MacEwan College, “Minority Discourse and ‘Third World’ Fiction Writers in Canada.” L-2 Humanities Centre.
23 March, 4 pm Nazrin Rahimaieh, “Iranian Writers in Exile.” L-2 Humanities Centre.

Chemistry

12 March, 11 am Robert H Grubbs, Division of Chemistry and Chemical Engineering, California Institute of Technology, “Ring Opening Metathesis Polymerization (ROMP) Routes to Polyacetylene.” V-107 Physics Building.
13 March, 11 am Professor Grubbs, “The Synthesis of Functionalized and Block Polymers by Ring Opening Metathesis Polymerization.” V-107 Physics Building.
14 March, 11 am Professor Grubbs, “Biradicals in Organometallic Chemistry: The Thermal and Photochemical Reactions of Titanium Carbene and Metallacycle Complexes.” V-107 Physics Building.

Boreal Institute

12 March, noon Dennis Murray, “Foraging Strategies of Lynx and Coyote in the Yukon.” G-113 Biological Sciences Centre.
15 March, noon John Hoddinott, “CO₂ and UV-B Interactions on Conifer Seedling Growth.” 3-36 Tory Building.
19 March, noon Sabine Schweiger, “Does Food Availability Determine Overwinter Survival Rates of Red Backed Voles?” G-113 Biological Sciences Centre.

Slavic and East European Studies

12 March, 3 pm Andrij Hornjatkevych, “Ukrainian Verb Morphology: Standard and Dialect.” 436 Arts Building.
19 March, 3 pm Kyril Holden, “Emotive Effects of Russian Intonation in English, and of English Intonation in Russian.” 436 Arts Building.

Pharmacology

12 March, 4 pm Nick Pennington, Physiological and Pharmacological Sciences, University of Chicago, “Calcium Currents in Acutely-Isolated, Adult Dorsal Raphe Neurons and Their Modulation by Serotonin.” 207 Heritage Medical Research Centre.

Techniques in Cell and Molecular Biology

14 March, noon Bruce Stevenson, “Freeze Fracture.” 6-28 Medical Sciences Building. Sponsor: Anatomy and Cell Biology.

Economics

14 March, 3 pm Roger Ware, University of Toronto, “Public Firms as Auditing and Regulatory Instruments.” 8-22 Tory Building.
16 March, 3 pm Jean-Marie Defour, University of Montreal, “Bounds Methods in Econometrics.” 8-22 Tory Building.

Forest Science

14 March, 3:30 pm Bill Freedman, Department of Biology and School for Resources and Environmental Studies, Dalhousie University, “Some Ecological Impacts of the Silvicultural Use of the Herbicide Glycophosphate in Nova Scotia.” 2-1 Mechanical Engineering Building.

St Joseph’s College

14 March, 4 pm Kevin O’Rourke, director, Center for Health Care Ethics, St Louis University, “Do We Have the Right to Choose When/How We Die? Is Euthanasia Ever Permitted?” Bernard Snell Hall, Mackenzie Health Sciences Centre.
14 March, 7:30 pm Kevin O’Rourke, “Who Shall Live When Not All Can Live? Are Health Care Resources Distributed Fairly?” Bernard Snell Hall, Mackenzie Health Sciences Centre.
15 March, 1 pm Kevin O’Rourke, “How Much Should the Patient be Told? Do We Have the Right to Choose Our Own Medical Treatment?” Bernard Snell Hall, Mackenzie Health Sciences Centre.

East Asian Languages and Literatures

16 March, 2:30 pm The Fifth Annual Japanese Speech Contest. Sponsored by the Consulate-General of Japan in Edmonton and the Japan Foundation, Tokyo. 237 Law Centre.

Law

17 March, 9:30 am Saturday Morning at the Law School—“Wrongful Dismissal.” Information: 492-3115. Law Centre.

Centre for Criminological Research

22 March, 7:30 pm Malcolm W Klein,

director, Center for Research on Crime and Social Control, University of Southern California, "Street Gangs and Drug Distribution: Making the Connection." L-1 Humanities Centre.

The Arts

Exhibitions

Bruce Peel

Special Collections Library

Until further notice "Gifts of Celebration: Rare Books presented by the University Senate and the Friends of the University 1981-1989." B7 Rutherford South. Hours: Monday, 8:30 am-4:30 pm; Tuesday, Wednesday, Thursday, 8:30 am-6 pm; Friday, 8:30 am-4:30 pm; Saturday, noon-5 pm; Sunday, closed.

McMullen Gallery

Until 30 March "A Family Show", in recognition of Alberta's first Family Day, 19 February. Works by a well-known family of artists: Dorothy Knowles, William Perehudoff, Catherine Perehudoff, Rebecca Perehudoff and Carol Perehudoff, courtesy of the Edmonton Art Gallery, Woltjen-Udell Gallery, Front Gallery and private collectors. Walter Mackenzie Health Sciences Centre.

Music

10 March, 10 am to 5:30 pm Bandfest—a festival for wind, brass and percussion players.

11 March, noon Visiting Artist recital—Janice Girard, pianist.

18 March, 8 pm Encounters II. Admission: \$5/adults; \$3/students and seniors.

21 March, 8 pm Symphonic Wind Ensemble—Fordyce Pier, director. Admission: \$5/adults; \$3/students and seniors.

23 March, 8 pm Collegium Musicum Concert—Marnie Giesbrecht, and Debra Ollikkala, directors. Admission: \$5/adults; \$3/students and seniors. All events in Convocation Hall.

Films

Germanic Languages

13 March, 7:30 pm "Die Auserwählte" and "Der Rote Strumpf" (1981). 141 Arts Building.

Positions

The University of Alberta is committed to the principle of equity in employment.

In accordance with Canadian Immigration requirements, these advertisements are directed to Canadian citizens and permanent residents.

Support Staff

The limited number of vacancies is a result of the current Support Staff hiring freeze effective 1 January 1990.

To obtain further information on the following positions, please contact Personnel Services and Staff Relations, 2-40 Assiniboia Hall, telephone 492-5201. Due to publication lead time and the fact that positions are filled on an ongoing basis, these vacancies cannot

be guaranteed beyond 2 March. For a more up-to-date listing, please consult the weekly Employment Opportunities Bulletin and/or the postings in PSSR.

Positions available as of 2 March 1990.

The salary rates for the following positions reflect adjustments in accordance with the terms for the implementation of the Pay Equity Program.

Secretary (Term), Grade 5, Chemistry, (\$1,749-\$2,166)

Plant Operator (40 hours/week), Grade 7, Physical Plant-Utilities, (\$2,382-\$2,985)

The following positions retain salary rates in accordance with the previous classification system and pay plan.

Clerk Typist II (Trust), Continuing Medical Education, (\$1,324-\$1,645)
Clerk Steno III (Program Clerk) (Trust), Legal Resource Centre, (\$1,475-\$1,853)
Library Assistant I (Trust), Legal Resource Centre, (\$1,525-\$1,934)
Animal Assistant (Hourly), Health Sciences Lab Animal Services, (\$9.73/hour-\$12.22/hour)
Technician I/II (Trust), Anatomy and Cell Biology, (\$1,705-\$2,488)
Electronics Technician II (Trust), Physics, (\$2,013-\$2,600)

Advertisements

Accommodations available

Victoria properties - Experienced, knowledgeable realtor with Edmonton references will answer all queries, and send information. No cost or obligation. Call collect (604) 595-3200, Lois Dutton, Re/Max Ports West, Victoria, BC.

Rent - Hearthstone townhome.

Furnished, two bedroom, study, three baths, fireplace, air conditioned. Nonsmokers, no pets. 1 May-1 September. \$900/month. 435-4388.

Rent - Bungalow, three bedrooms, extra basement bedroom and bathroom, two car heated garage. Near bus, schools, shopping, 4 1/2 km south of University. Could partially furnish. Nonsmokers preferred. 434-5933.

Rent - Fully furnished four bedroom home, Belgravia, 10/12 months beginning August. \$1,000. 436-0181 after 8 pm.

Shared accommodation - Quiet, mature, responsible, nonsmoking female to share furnished executive home near Heritage Mall. Six appliances, fireplace, double garage. \$400, shared utilities. DD, references. Donna, 435-0845 messages.

Sale - For exclusive living with comfort and convenience, select this Cranleigh Towers condo. View the shimmering downtown lights by night, the river valley by day. Dan Hunka, 438-5100, 481-6646 (residence).

Summer sublet - Bright, immaculate, one bedroom apartment, heart of Old Strathcona. Shag rug, balcony, parking, cable TV. For clean, reliable single or couple. Late April to late July. 492-4426, 439-6566.

House to lease - Windsor Park, 8923 120 Street. \$1,850/month. Large, fully renovated, four bedrooms, 3 1/2 bathrooms, full basement, double garage. Minimum one year. References required. Rand City Realty, Jill, 449-0795.

Rent - Choice location in Ermineskin.

Three bedroom bungalow, double garage, fireplace, five appliances. \$850/month. Available 15 April or 1 May. 436-9591.

Rent - Old Strathcona/University area, 10725 85 Avenue. Large two bedroom, 1 April, \$450. Large one bedroom, two storey. 1 May, \$400, parking. 483-4615 (after 5 pm).

Sale - Riverbend/Brookside beautifully upgraded bungalow, three bedrooms, main floor family room with fireplace. Brand new kitchen, sunshine ceiling, pearl grey carpets, new vinyl siding. Spencer Realty, Ann Dawrant, 436-5250.

Accommodations wanted

Wanted to rent/housesit two-three bedroom apartment/condo close to University of Alberta. Lady professor and daughter, two years beginning 1 June 1990. 432-7648.

Professional couple require house/condo from July 1990 for one year. Willing to trade Winnipeg home or housesit. Nonsmokers. No children, pets. (204) 261-1007.

Young married couple looking for house/condo to housesit/rent. Nonsmokers. No children, pets. References supplied. 452-5409.

We are looking for somewhere to live while building. Professional couple seek sabbatical property for one-two years, from spring 1990. Call 433-9602. University couple require suite close to University or downtown commencing May/June. Please phone Ann Dawrant, 436-5250, 430-6971.

Automobiles and others

1983 Nissan 280ZX, 2+2, GLL, fully loaded, T-Tops, power windows, power mirror, stereo, digital dash, five speed, excellent shape. \$9,700 obo. 435-0845 evenings or messages.

Goods for sale

The Edmonton Book Store specializes in books for the University community. Quality books bought and sold every day; just a short walk from campus, 8530 109 Street. Call 433-1781.

AJ510 video terminal, visual editing, \$200 obo. 433-8302.

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David Richards Carpentry. Certified journeyman NAIT. Complete interior and exterior residential renovations including plumbing and electrical. References available. 437-0794.

Professional typist - word processing. Specializing in theses, dissertations, manuscripts. Gwen, 467-9064.

Stimulating, exciting, small group travel to Turkey. 10-31 July. \$3,400. Golden Horn Tours, 10115 150 Street, T5P 1P2. 438-8288, 435-2129.

Wordprocessing; fast, accurate. Student rates. Call Lois, 458-9659, St Albert. Will do quality wordprocessing at \$1.50 per page. Contact Laurie, 478-2471.

Bissell Centre is recruiting volunteer counsellors for Moonlight Bay Camp

on Lake Wabamun. Orientation and training provided. Please contact Lori Sigurdson at 423-2285.

Morning kindergarten? Belgravia school, 11605 74 Avenue, offers top quality programs in small, secure setting. Registrations accepted in kindergarten through grade six. Call 435-5560. Kindergarten orientation 4 April at 7 pm.

Six male volunteers with personal experience in crossdressing needed to assist with pilot study on a developmental theory of crossdressing. R Davis, PhD (chartered psychologist), 439-1502. #1003 College Plaza.



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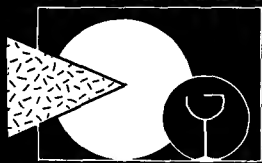
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